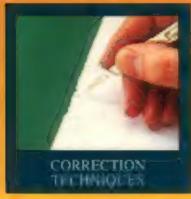


A complete A-Z directory of airbrushing techniques, and how to use them

MICHAEL E. LEEK











## **CONTENTS**

### 6 INTRODUCTION



## 8 TECHNIQUES

ACETATE MASKING • ANGLED SPRAYING • BASIC EXERCISES
BASIC FORMS • CAHD MASKING • CAST SHADOWS
CHROME EFFECTS • CORRECTION TECHNIQUES
DOT CONTROL • DOT HIGHLIGHTS • DROP SHADOWS
ERASURE • FABRIC MASKING • FILM MASKING • FLAT TONE
FOUND OBJECT MASKING • FREEHAND SPRAYING • GHOSTING
GRADATED TONE • HALDING • HIGHLIGHTING
KNOCKING BACK • LETTERING TECHNIQUES • LINE CONTROL
LINING-IN • LIQUID MASKING • LOOSE MASKING
OVERSPRAYING • RULING • SCRATCHING BACK • SPATTERING
STARBURSTS • STENCILS • TAPE MASKING • TEMPLATES
TORN PAPER MASKING • TRANSPARENCY • VIGNETTING
WINDOW HIGHLIGHTS

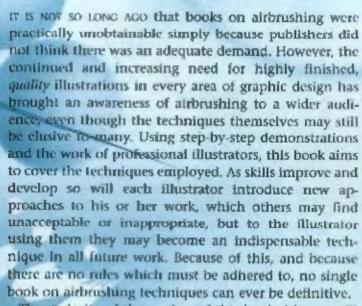
## 96 THEMES

TRANSPORT • 98
INDUSTRIAL DESIGN
AND ENGINEERING • 114
FOOD AND DRINK • 124
ARCHITECTURE • 132
HUMAN AND ANIMAL • 138
ADVERTISING • 154
CONCEPTUAL • 164

INDEX • 172 CREDITS • 176



# INTRODUCTION



The majority of the readers of this book, I hope, will start by studying the professional examples reproduced





meant I was often ahead of my colleagues and had time on my hands to take exercises to finished artwork stage. My lecturer would encourage me to render these exercises using an airbrush, Winsor Blue or Payne's Gray watercolor, and an old foot-pump with a reservoir – which was designed for use with an airbrush. Not only did this develop my skills in using a new tool, but it also taught me patience – it took a good two or three minutes to pump up the tank to the required pressure and then spray for about 30 seconds before having to start pumping again. All this after slowly and carefully cutting film masks on artwork drawn on paper which was often thinner than the film. (This explains why few of my works have survived – the majority just fell apart like jigsaws.)

here, rather than look at the step-by-step demonstrations first. While it is underliable that the demonstrations have played a part in the choice of techniques used, the finished examples have been selected primarily on the strength of the airbrushing. Regardless of the fact that most of the illustrations reproduced here were for a specific purpose and would therefore be seen in a context, many do stand as illustrations in their own right – such is the standard being achieved today.

My introduction to the airbrush was a by product of lectures on the theory of perspective and shadows. These were both subjects I found fascinating and quickly developed an understanding of them. This

Milwel E hale

# TECHNIQUES

THE APPLICATION AND USE of the airbrush as a means of rendering natural, man-made, and fantasy or science fiction subjects has increased enormously over the past three decades. Illustrators have found this tool an invaluable aid either for rendering a complete illustration or in limited application to enhance detail, texture form, or contrast on an illustration which has been primarily hand-painted.

Because of the more widespread use of the airbrush, vanous techniques have developed to arrive at the quickest and most effective means of achieving desired effects. Many of these techniques are peculiar to the airbrush and are the result of much experimentation by individual illustrators based on both the advantages and limitations of the airbrush. When the airbrush is in constant use, it will soon be apparent that there are techniques other than those described and illustrated here. They will be discovered or identified through a particular need and may well become essential to the illustrator who chances upon them. In this book, the purpose is to describe those techniques which have a wider and more general application in illustrative work, be it creative or technically based.

Airbrushing is an acquired skill. It requires practice, patience, careful planning, experiment, and, to produce successful work, an understanding and awareness of color, light, tone, and contrast. In addition an ability to draw is essential.



#### ACETATE MASKING

Acetate is a completely transparent, plastic material available in sheet or roll form and in a number of different thicknesses It is useful in airbrushing as a substitute for, and complement to, self-adhesive masking film. Because if lacks adhesive, acetate will allow residual color to encroach underneath, creating a soft-edged effect which can be used to advantage. If this is not wanted, care must be taken to ensure that the mask is held evenly and flathy against the artwork to provide a firm edge to the sprayed aren.

The cut or broken edge of a piece of acetate can be used to form a loose mask, or a whole shape can be cut out of the material corresponding to a particular part of the artwork. Because acetate is, like masking film, completely transparent, the mask can be accurately positioned in relation to previously sprayed areas of the image. When acetate is cut, especially for a mask which has sharp, hard-edged corners, it can be prone to splitting. Although a split may appear insignificant on. the acetate mask, it is surprising how a small amount of sprayed paint passing through it will be sufficient to show up on the artwork.



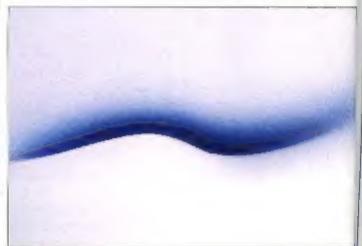
1 Sweeping curves have been cut into a peop of acetate. This has been teld flat on the liture atton board and color anrayed along the curves edge.



2 When the acetate is moved away from the sprayed area, 1 can be seen that the curve is accurately repeated by the spraying. The edge quelity is slightly assimilar than would be the case if masking it in the case it masking it in the case is masking it



3 The same mask is used, but halead or leaving all of it fation the artwork, one end has been lifted while spraying.



4. The removal of the mask shows that where the dust are was laid fall, the subweed color has a firm edge, but where I was lined, the color lades of and blends into the white the board. This is a usaful technique when both hard and soft edges are required at the same time.

#### ANGLED SPRAYING

This term is used to describe the technique of blending colors into each other, without having a had, or clearly defined edge between them. It is achieved by the distance the airbrush is held away from the artwork and the ungle at which the airbrush is in relation to the artwork surface. The technique may be used in conjunction with the section on oursette ross.



#### Wide-band Blending

If it is required to blend two colors together without an edge between the two heing shown. After the over all area for the enter work less been impalled for the enter work less been impalled to the first color is sprayed from top to bottom, horizing the air-trush at an angle of 90° to the adwork to create a very soft end gentialion.



This photograph demonstrates the height and angle of the entroush in relation to the artwork as the first color gradation is applied.



2 The second color is now sprayed at the some engle as the first, allowing the gradetion to overlap and marge with the first color.



to applying the second color, the artwork has been turned 180° so that the culor can again be sprayed from the lop of the board allowing greater control.

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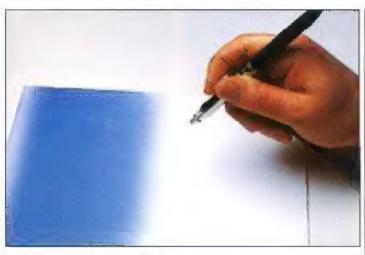


#### Narrow-band Blending

1 in this example a harrower band. of biended color is demonstrated. At this stage the gradation from color to the white of the board is more sud-



2. The second color is applied as: in stage 1. The Impred result shows a clearer defendion between the two coons than in the wide-bend demonstration



The first color is being sprayed from the top with the airon an help at a shallow andle to the surface.



the artwork has been turned 180° for the spraying of the second odlor. with the airprush pengineld at the Same angle as in stage I



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Using Cardboard in Angled Spraying

In both of the lolowing examples. reference can also be made to cast SCARD MADNING, LODGE MASKING and TOTAL FAREF MASKING

1 in this example the conditional si held signify away from the anwork. and the airborath is at an angle of 97 Will to the surface. This will give a falsy first, but soft relay on completion.



In this photograph the cardboard. is again used as a mask, but the ervole of the airbrush has been brought down toward the normalia which will give a much softer eggrand gentler color gradation.

#### BASIC EXERCISES

The preparation of any type of artwork or painting requires concentrated practice and patience. Time spent here will pay dividends later and prevent unfortunate and unnecessary mistakes from being incorporated into linished actwork. The airbrush a not a difficult tool to use, but as with all others, what It can and cannot do needs to be understood, and there is no better way then practice. Having said that, this section should not be seen in holation from the other techsignes described in this book.

For the beginner, it can be difficult at first to obtain full control of the flow of paint and air through the airbrush-sprooth action in starting and stopping the spray, essential for freehand work, and control of an even. spread of color, even when masks will be used to define specific shapes. In addition, the height and angle of the airbrash during spraying affect the final result. hase exercises can take any form which helps to develop the utist's understanding of the tool's gapabilities

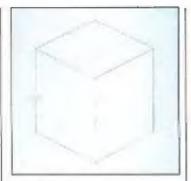


The shoot has been covered with different techniques and applicators of the airbrush. All have been completed primarily without use of masks of any kind. This type of doodle-sheet" is excellent practice, which enables the asplring airbrush illustrator to develop skill and confidence in using the airbrush and also in understanding the limitations of the too.

#### BASIC FORMS

These exercises cover four basic shapes, a cube, cylindez, sphere and cone. They represent the principal geometric shapes which are likely to be encountered in airbrishing an incredible variety of subjects, whether taken individually, in groups or, as is more likely, parts from each in any combination. If specific and detailed areas in a large number of the finished illustrations in this book are closely examined, it will become apparent that many of the abstract shapes which make up the Illustrative content are composed of surfaces such as angled planes and curves which can be extracted from these basic shapes

Not only is practice essential in order to master the skill of bandling the airbrush, but it is also useful in understanding the shapes themselves, furthermore, if you extend the principle of these exercises by varying the colors and surface textures, you will acquire greater understanding of how light affects the shading and contrast from one surface to another, from one sude to another, and from one object in another,



#### The Cube

 The cube is drawn symmetrically with one comer directly facing the viower. The cube and the surrounding eros are covered with a single pioce of masking film.



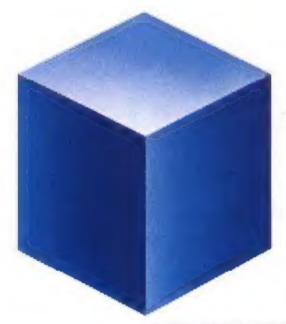
2 The film covering the left-hand tage of the cube is cull and removed for the first stage in the spraying sequence. The left-hand tage is sprayed with the greater death of tone to the right and running ceralle to the vertical edge. This is gradated on the loft to show a subtle, reflected highlight.



2 Leaving the left-hand face unmasked, the film masking the right-hand face of the cube is cut and removed. On this plane the depth of fore runs from right to left, but with increasing strength in the highlight toward the rooding odge of the cube.



4 The horizontal surface of the cube is cut and removed, again leaving the two vertical surfaces ummasked. The depth of tone here is lighter overall from on the vertical plane and runs horizontally from the top to the bottom, with the nearest corner to the observer being almost devoid of color.



B. On completion, the remaining to the cox is removed, showing the cube redeed in monochrome with enough death of contrast to create a three dimensional image.

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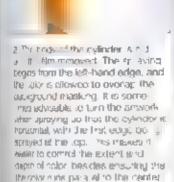
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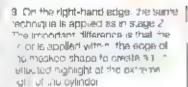
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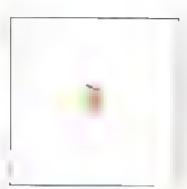
Again the belon's gradianan quickly as it is brought reward the namer of the cylinder. Thesigners is strong ingright at the certific unning the complete length of the cylinder and paratial to the edges.



4 maily the condition eyinder is sprayed. A let cut, he and removaring the film from the et ultical blane color significant in a let ultical blane color significant and a let ultical blane color honoentrating on the unter or upon entitle so that only resould cutor talls onto the feeting edge.

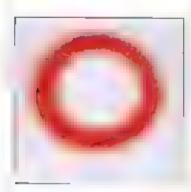


5 The masking film is removed leaving a humbledness chimose sum inted by a light source immediately in ten. This tooms got conduces a suite but o'll other form with a fast o'll real.

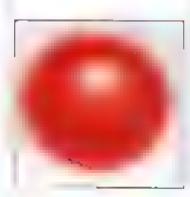


#### The Sphere

1 A sale of lifeth and rashing lim which has been taid on the illustration board, using a compass of the A niera of massing rape in page at the certain to prevent the compass post for from mocking the mattern to the internal promoted of the materials.



2. Ah oval of color is solated which oncompasses the elpieral both soits of the mask but does not priet as a real the lower edge. This gives a reflected highlight on the lase while sphere which will enhance its three dimensional quality. This initial eval of color musical annian carefully and is loss strengthed with the arbitishing a frontianal way. Agrifully use the planes within the event shape of the phanes within the event shape of the position in the mentioned call grid and of the phanes.



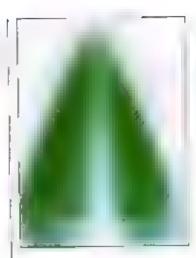
3 in the second stage of appropriate coords applied leaving a set eckport on the light of the sphere. Residually during the top of the aphore. Residually during the cover good at the lower edge.



4 Thire he masking the has been in determined the reflected I all the base of the sphere. and the innerpal highligh at center ig are nicle ented, len appreciatar After presidence of continuous beighter transant mode in with amage and an end of the same preside to produce substantial which sources expeditions her ್ ರಾಗ್ಯ ಸ್ಥಿತಿ ಕ್ರಾರ್ಥವಾಗಿ now and the way hald allows non last war as the way night idin or ic ore are reflected will bailt extrarg energy set subsidered in the usted exportation

#### The Cone

1 The cone is drawn using an officer template for the hase it give a three dimonsional impression. The artwork is covered with masking lift und an one chape out that



3 the same averces is carried out at the right hand side but, as with the rylinder, and side but, as with the rylinder, and color is not concentrated on the presided edger it is more presided highlight in stightly to low a miscolar highlight to be shown. Again the color is graduated fundally toward. It contains to record the main highlight

2 In this example the illustrator has single in the left frame edge of the cone in he sprayed first. This color is also never the masked edge are gredated in lickly as it comes accurate two dots the center of the correlations spraying a none, it is imputional to amorphor that the coin about as applied from the base in the total and are priced from the base in the total and are priced from the base in the total the overall anapolishes cone.



4. The I ray strigo is the rentowoll of the massion flint. The collect securities a securities compate three corner states of with the centre in grouph and so, site that of the ray in

#### CARDBOARD MASKING

Phis technique is on the same bytes as No. 17 (08 18 19 19 19 MASKING and TURN PAPER MASKING and releience should also be made to them when following the sequences illustrated here.

The advantage of cardboard as a masking material is that it is residily available and mexpensive von can use pieces left over from other studio projects. It can ocusted to mask particular shapes sport accurately and to consider a confer qualities of the conference of as a conference of the conference of masking file.





Straight Edge
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Shaped Edge

1. A list and a shoot bits head

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3. When he same shaped mask is used but held above rathe than in the artwork the rest ting edge is radiated and in the first time in resource color segment under the authority. The further the calls the artists at table of the same and artists at the same and artists at the artists of the artists.



Torn Edge

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#### CAST SHADOWS

Last shadows have a variety of maximum statum. Not only do they belt in visually making the subject stand out to the front but hey are also an effective means of chhancing the three amensional qualities of an discussional qualities of an discussional free deged shadow wheel sprayed freehand and a fact of sprayed freehand and a fact of the deged shadow check sprayed freehand and a fact of the deged shadow created with maximum that m

thanours are be generated. min an artificial light source of by navoral light from the sun each have their own set of rules. the exhausties of plotting shadow areas are a subject in aemselves, and those wishing to experiment further should refer te books deafing specifically with perspective, besides observing what actually happens in reality fac scope of this book does not pennis an extensive explanation. of the many complexities of the therey and application of perspective in relations to shadows however some guidance may be ganet by studying the many esimples of professional auditusti work reproduced in this book and acogniding where shadows have benused for a specific purpose.



#### Soft-edged Shadow

1. A zer liar cylinder is drawn and covered with masking film, when the utilines have need july masking tape is used to another the mask section covering the body of the cylinder to make theavy to remove and replace hadalize this mask who recoved again. Alternatively, the



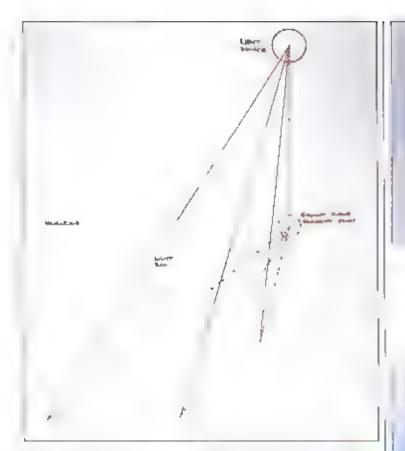
2. The body in the islander is re-musical. This is easier to inequalities of the angle of the top page 45 a result of inside or the top page 45 a result of inside or the control of the c



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4 In the expert of the 4 A semigroup to the transfer of the cylinder of the cylinder



3. It is side to the box rearest to the inserver is sorayed first because this will be side in complete shadow without any reducted to the book to shadow with a modium along in factor of the control of the shadow.

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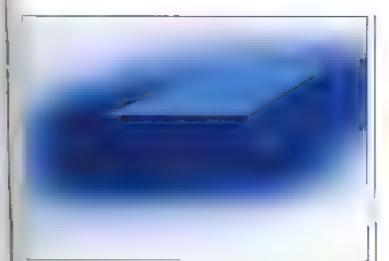
#### Hard edged Stradow

For the paradose of organizary of a standard or a standard

and callings. The forms alread by all axions along but it must be as an object, that he validating post of the ground plane will always a contract to honour and along minedately below the light so real.

2 liaving constructed the beside in settled with the draw do with the settle in the draw do with the settle in the

4 The right history of in body of whether the ment of the ment of



6 Next that op is aprayed, again taing the provious stages eroosed. With the vewport chosen, the tap of the box is shown as receiving that

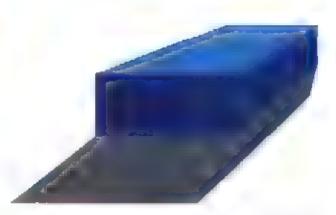
maximum amount of light trus or was gifting highpat over zone, and the should be out to more when spreying.



The cost of a covered with mask og Nr. The masking tilin covering the radow is cut and removed. In the control of the covered of the covered and the covered of the covered

the a restable and a vectoring with

relate to make hard edged shed ows gradeted. The gradetion may pass outwards from the object of lines at the problem of the form the ill any minute. offer 1 and chrolholis heads



7. The final mage's it worths our pileted box and to stall toke with all the masking thin removed declares of the sequence in which the box was sorayed a toking inclination is sociated, when desire in detreating the shape and definishes breather of the with some or surection of the within some or surection.



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#### Archers Andrew Fazley

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thing was in with the air grass

#### CHROME EFFECTS

By its very nature, chrome, or any other highly polished or reflective surface is difficult to reproduce convincingly in an Tristration, While the author, r. is a more than useful aid. The effect is not rendered with care and pre-planning, it can be extremely grade and simplistic. It therefore requires practice and a close study of actual examples preliations the methods used or some of the illustrations reprecaced in this book. This is because chrome is rarely seen. without something else reflected in it, usually in close proximity.

These exercises introduce the technique of how to approach the aubrushing of chrome in both black-and-white and color-Each is demonstrated in isolal on and neither should be taken as the only midded. When achies ing chrome, the approach adopted must be judged on its merits and is dependent on such that as as the location of the chases in reation to other objects of male sals, the base color of surround ing objects, and colors in the enviscoment to which the chrome needs to be shown. Ad of these will obviously detailtable. the hate and reflective colors in be used when sprayers,

The color prefeise shown here uses a convention for creating the effect of reflected color. This is based on the assumption that the losser part of a chrome object might be reflecting earth colors from the ground, while the apperpart inflects lighter trates from the sky. This ground, sky division requires the artist to establish an approximate horizon level across the chrome surface.

Finally always ensure that the air pressure through the airbras so ther I that is too low the firsts will appear granty and techned which would take away the reflective appearance. Chrome has an extremely smooth surface.

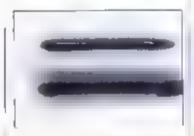


1. As the basis of this example is yindign to drawn through disconduction and the analysism of the wink is develope with matching through preparative for spraying.



2 The body, or length or helly density ded into various shaded areas and those healthing the strongest or darkest shades are. It is important that when oproying a second white object the darkest areas are approved just paths not only avealing to be able to quirts. If

reminion of mask culting. By RMAN ing this session are are negline or a unsequent shaping which allowants at each energy of the names and wall mostly at the language content of the analysis of the culting of the analysis o

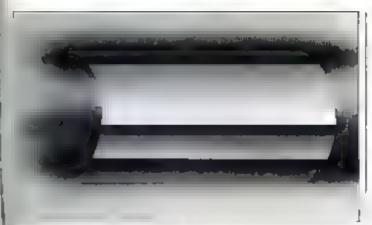


3 The areas of medium are exposed and sprayed



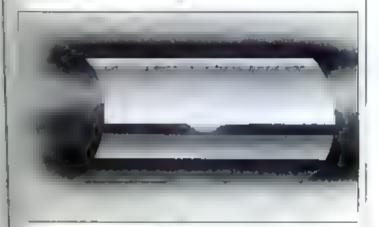
4. The first of the graduled tone areas is now but, removed and sprawed making sure the color by extending for the strength of the high grid.

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5 The second area of practices if the inches the incident prought octive into the area of the white. mightight



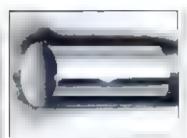
flushe apar le vilita lan intense. with the surviver to when the state of be accounted to the souls. elime cylinder



7 Perbody of the cylinder is now. re-covered with masking time and theend of the cylinder is exposed for spraying. To emphasize the edge of the cylinger the ements applied varfically and gligatopartour light to bit allow a section to a description rollogies aver the dorillolers surrace an reliable of the



8. The ministence for protecting the been all the cyrisder tairer royed, and s film lightight is so stofted with an a kindle along the curved edge between the body and the equal the cylinder



8 Anomal upuque white right grit is applied how and over the limit lightigh, achalened back to stage 8



10 The surrounding inesking 9m. is removed, revealing the trasper - write With more practice, and by hibserving actual resign high soon he apprecent that there and sharpy halfs, as not 4. in in a replace of a second as the day through



#### Ground/Sky Reflection

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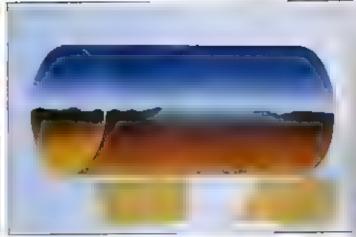
2. The speciate mask is removed and blue is then sprayed from the top of the cylinder end, greatating drivings in the effective. This color should have the market to the white the transfer of the highest with a first or of the cylinder with a great of the cylinder.



3 reliability this as each the analysis area, suctified to positeding the body of the cylinder of removed. Another acetale thesis is anapared in allow exposite 4 the area covering the ground from the inordamic focus. This is apprepted white the same colors and tolkward reliabilities against sequence as for the entire cylinder.



4. The operate mask is renowed and to office do do or for the skill is appropriate them. Sprayed again being gradered from the object of microon.



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6 An on ght again of upseque white, is soraped freehand on our the hearingh ght and approximation by in the leavest a the mids of a fire Path size span ined at the or in the leavest thorzon.

#### Metallic tap filtings John Brettoner

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#### Black-and-white faucets John Brettoner

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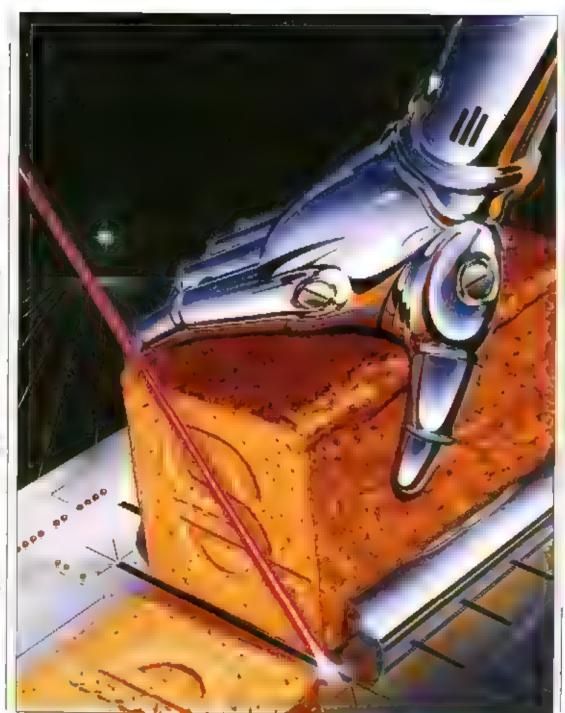
#### Laser-cul broad John Brattoner

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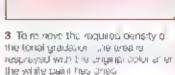
"half and and single in surface his



#### CORRECTION TECHNIQUES

Errors and accidents are unavoidable, it is therefore necessary to devise quick and effective techniques which can rectal the vitigation without having to resort to a complete re-start. The example illustrated here, an irregularity in the spray quality. is a common mistake, usually the result of lack of control. Sometimes It is caused by dried paint particles being blown onto the arrwork through poor clean ong of the airbrush.









Wren correcting signs water an hased areas of the artwork, corton hods may be used to derrove user if the color is fastly strong it may be no ossa no sa quite a few buds. especially filters sarecurate to er or must be thought back to the white in the architel surface. a vinelinos is not alveys atfactive when used on a lexturad sudane. sistings in but his board incurred. paper because the noments. become ingraiged in the surface. If

is post instructed to smooth inhina-

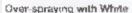
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4 Stren the mask is removed the Host wild a clean area of predated. nuder.



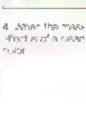
Removing Color Bleed to this example, he paint was surrivers a 100 arc license circuity. has to mer the nask sou ing in a law of the ranged edge. Or a service and lighted auritage, such on is an heat removed with an adke to whom the point is themughly nov. Econopose spolyd also be made. the temporal of a control and the Bad-



 I was interiored to produce a piece of artwork with smoothly gra-Jaieu colo running fort mazerium strength of color at the vivil a litery sett and subtraistrandth at the barfrom However it can be seen that a The light options allowed the light than the doly hage made to the lighter. Hop of the ap eye

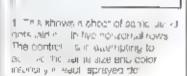


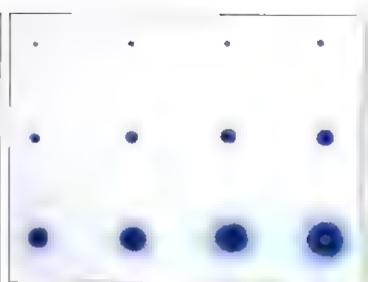
2. To recrify this mistake, opaquoand the second second second plate waith or the oblored and all ling. He in egols Ry, but gradeling from the policy in approximately the mutile ic incirain meir riginai graca: on



#### DOT CONTROL

Many people, when first introduced to the airbrush, believe it is only capable of speaying medium of large areas and is not suitable for fine detailed work. Henry of dot copirol exercises will not only prove them wrong, but will also build up confidence and slidl in using the airbrush. It is also good practice for applying sprayed dots at highlights to give sparkic to be if tash of a detailed illustration. This technique is covered bust for the information that he tost toward section.





2 there three mays of foot have seen a market imagers of your streets in measure to large. As every and in the sequence valids. Its extends your control of a line law a more surface than the art trush mozes from the open a uniform a control to the control of th



3. To increase our finited one automates to the increase our finite of the automates the control of the second of the control of the control

#### DOT HIGHLIGHTS

The use of dot highlights is a paracularly valuable means of adding that final, linishing touch to an illustration. Highlights must obviously be used only on shore surfaces and on edges which viguid normally reflect, ght in such a concentrated was "hey should appear as an integrapart of the object and must sways conform to the chosen direction of the light works.



3 Openius white is their sprayer denotity over the dots to diffuse the edges, although in some cases this or by not so necessary.



4 The emphasismans by comparison with the last stage in this or have a scale or have a scale of the last strate.



On a Curved Edge

requiring highes a collaboral bland littles is appeared according to the manufacture authorized according to the same acc



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On a Metaflic Sarlaco

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and a system to the affect position many and a system to the affect of the system to t

#### Porsche and furfier John Spiers

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where intense light was a demeter that is a bounder with a counter with seases or movement in the example also highlights have learness to the cement or interhighting that had another and pose masked into a transplant with a manufacture with a manufacture with a manufacture to the or application of the or application of the or application and a counterpart with a counterpart with a counterpart of controls are maketing.

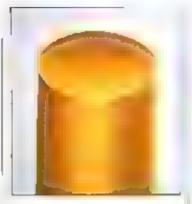
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tar passing it in the sky is an example of the will be a received to the distant requirement ranges of the distant have seen to as at station into the ground is faite about 1 to the control.





On an Angled Edge 1. This case cloube has ben is prower with a high degree of contract shad this

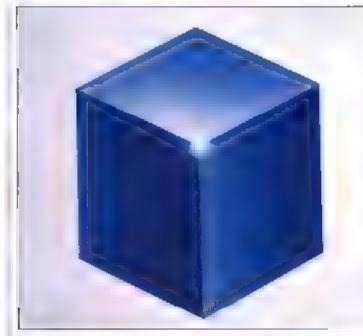


Multiple Dota

It is upper part or a life is shown there applying the highlights.



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2 To onhance the lost traspans to subglide a dot in phight has been approved rechairs on the rechairs when it is also makes the loste approved to a limit has a make the loste approved to a limit has a make the loste approved to a high-rangumana.



3 The house the indigence the dise that his light a limb in tenth injuries white

#### DROP SHADOW

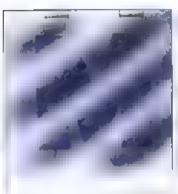
Drop shadow is a method of using cast shadow to emphasize the principal object in an illustration, either an paid or to the owhe whole object into tellet. The (badow areas can also be used to create the Alasion of different evels. Refer also mic ast showers.



1 A sans-serf character "M is used." to demonstrate the drop shadow. fort and noth me character and is snapow are drawn together in the equinic nostran-



2. The drawing is then transferred to the ustral or popul



7 After heier is the re-five masking in the district large TV mask section targed w draft to a one pulled back - is common with Treids and a marche is in a posted is in fiegonially graduates of stateout simples govers mela enteut

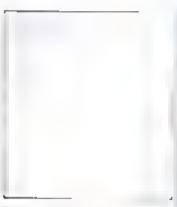


4. The swood mask for helphala. he in a red and and the shadowis not then a sproyed with a fateven color to add sor los loctivos a the large er end fre shouldow



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5 When the required dispth of time — shall have ledged or are — in the antitu area of shedii -



#### Using Acetate

1 har in character "N" is used, but this time acetate is used as the masking medium

2. To maintain the \* Ludsqueri \$ 415 0 K T 10 + 45 19 findly record on the statement of the st A the place of later cut out



3. The main had of the apptate mask irriants, he area surrounding the obteractor a nich is a weger ign spraving with preside near offer Missaulice a en inner pas tioning is light the tight of the artwork avegiting further use. The challauter is approved, following the all le style as the masking I in exemple (pages #6-4



5. The leged copy of the character · www.lizhed alpmirect the exposed areas of the sprayed charactor, and the Jrop shadow area is sprayed with an even tona



4. Ju completion of the spraying of is character the arger part of the ecetate mask is removed and in the sitioned downward and to the left to the antity to of the shockey.



6 When both poeters leaks have en remevos for line ar work, B will be robbed in because agetate is non authenive, the drop sharinw



PAA annived slightly soft edges in some cases this effect may be preferred to the tand-edged finish obtained by using meaking film.



#### Oyster Petc Kelly

#### ERASURE

This is a general beading referring to the use of erasers, both solidand the pencil type, which may buused for corrections and for applying highlights to specific areas of the artwork. This techrique la usually only success as when appoint to tiles at the which have been soraved onto a are mount coaled board of a c type commonly used in the preparation of release arow as furthermore, it is best applied to astrations which have been sprayed with water door 7 hs s. because the surface latter of sprayed watercolor paint is extremely thin. On gonache and activities sprayed surfaces, there is more chance of damaging the surrounding color, and theretere overspraying with opaque white is far better and less risky

35 a correction technique crasure should be armited to small meas. When used to create had lights, a hard, pencil-type eraser is by far the best because it is nossable to maintain a reasonably sharp point on the rubber core which will give goster comitisalso finish varies according to the and into of paid therapoved. This could range from complete exposure in white of the board to very subtle highlights such as woold be seen on matte drighting Choused surfaces. With care, the pencil eraser could al be used to enhance contrast, especially when m a hipsithe

difference between the lights and the darks has been lost by excessive color application.





this example alsplere has been splayed, with a duli highlight dileusesent a non-polished sur tulo.

2. At the half, at one top of the highlight. The coor has been arasen with a circular motion using pendicase. It will be no edited to amount organization to the receive of the free the pendicase. It is then only on the last the region of the last the region.

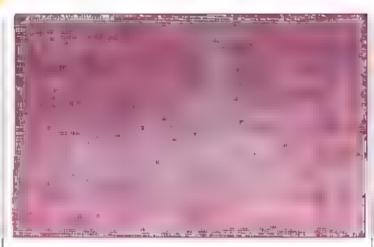
#### TABRIC MASKING

here are occasions when tradional methods of rendering textured wataces with an airbrush are not as effective as one would hope. The use of medium, to course asone opens up auditional queer les schich setten. at these team distration will give a surface texture not necessarily ident fighte with the labric used. Some ship error betting also district fabric we see and Tere the specific or fathor in additional Some and a sea falout mask the arrange appear of may be terrible to be represen he specific effect Besides esting a piece herore use in siamo 4th keeping samples of both. the tabric and the socay effect from it for future reference.

vgiss— fabric suitable as masking materials are those which have an open wrave to allow the sprayed color to pass through and between the libers. The texture hav by applied over large or small area, which in themselves can

on according to the material need not be sed just because of its texture. For the freyed edge of form fabric also liers a characteristic result. A form of repeat pattern could be appared using, for example, a good open-weave as went in old ashiened risss currains, or indeed as many types of lace which are lengthed.

A background texture can be applied over the artwork before the object or subject itself is uprayed. Naturally this requires the principal part of the illustration to be sprayed in an opaque of the inner am in order to prevent the task texture from showing the sprayed by overlaying the whole of the sprayed by overlaying the sprayed of the sprayed by overlaying the sprayed of the sprayed by overlaying the sprayed of the sprayed o



1 In this demonstration of tables in the views elements of the present of the present of the present of the granter out even in sh.



2 Masking applies associate the annicolous all our stages white as allow a limb at orbit with a label to be a second the above of real application of control and the application of the



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4 COSE CERTOR SOMET HAR THEN USED TORRE GRADOW affect.



5 h simplified who is did get out on the order of enables as a spinning in the order of get onto

#### FILM MASKING

The use of transparent self-adhetive masking film or a brushing is the most popular method of protecting areas of the artwork which are not currently as a selection. Masking film a amount extra either a matte or a gloss finish and is supplied on a protective barking sheet which can be used to save cut masks likely to be needed again. The adhesive on the transparent and are and subsequently sprayed unfare and subsequently the without damage to the archer.

Hed without damage to the analog ware mals red.

Because the film is transparent if a rows those areas covered to remain visible, which is extremely useful to color and steading against those areas already sprayed. It is also possible to territory excess and residual paint from the film by carefully wiping over it with a damp cloth, transcolor absorbent conton, without camaging the artwork or the area exposed for spraying (thus of course applies to a which remain and it souths.

When using masking fifth always of with sharp, new blades, as the nest quickly lose their edge and tend to teat the fifth rather than cut clearly through it. Gentle but even prestis required when cutting, to avoid woring the artwork.

In the two examples given here pathental note should be taken of the sequence used in applying the man anges they are not the same for transparent scattered or and hope, got also live in a transparent medium, the depth of shade and color ta built from dark to light by everpraying temporarent cavers, with the paper medium, and are not a not are not expected at the light to be independently and hight course, and experienced are also as independently and hight course, and the spiral or are dark in

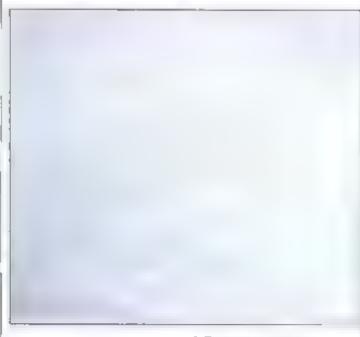




2 Tiels and Archard Laber Marcharla London

#### Watercolor Medium

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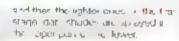
4 is at which a warred with tight to it and all has son storing the eaver are in the fallow



7. The floor parts of the loaves and be spin visit to higher a large. At this large all the leaking in the saves less been removed and the lighter area of adetions are executed setting.



9 The sequence for the line inflows the same pattern applied to the leaves weaking from the danger shakes (i.e. to reved by Redium





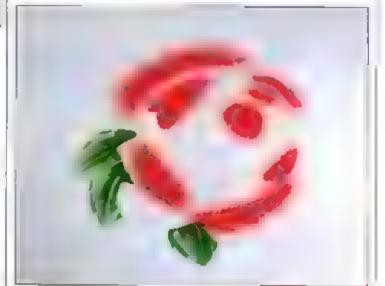
be spraying sequence tay us with general of the it am the tail seets is or of will have the Jackers' thate.



8 On completion of the coaves all masks to the learners. In Lie 2, we have a least to divide the writers and all writers and the coaves all all writers. All miles above their all timbs are their all timbs are their all timbs are their all timbs.



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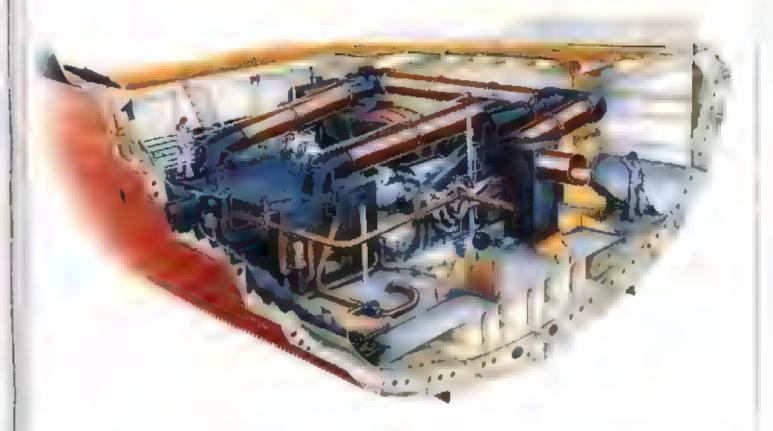
16-76 Up the designers are points and early and early also follow by the instruction of the earlier value of the e







19 Fire , the remaining manager, filter a resemble on the manager would be many did you



#### HMS Warnor's lengthe room, 1881. **Bary Cook**

This three point perspective illustrato a reconstruction of the engine Jo III he world's first you shall warship, HMS Warrion and was immessaged for the book The remortal Varion. The prince see of the instraince was to displace the way. All the arrangement of the english indicated interest that on the mail part.

to artiple holl soughtre which contained them.

he crawing was constructed on reading paper listing conties of the onginal Admiralty as fitted drafts from the British National Manime. Museum as reference it was then transferred onto CS10 book in wheelis a hard, china clay surfaced board. idually spitod to puth aircrust and alik, line worth. He illus ration was rendered primarily will have taking his вые доважения выпрасния watercolor Self adhesiva masking film was used throughout with the exception of the hands of tone run

for who is an usual need occuwar it in this flushing a rolling perwith a new spate proxi-

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# Gouache Medium



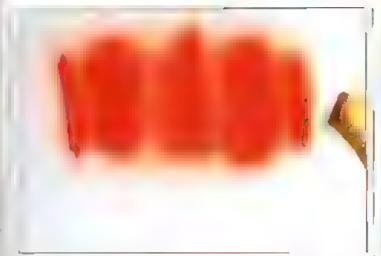
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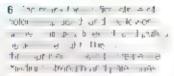
3. Porth the itefail paper drawing and the graph to leave the maximum, and stulying the transferred drawing at the tran. The line in this drawing will be transibly connected by the aproxition to the coolege speaking of the high.

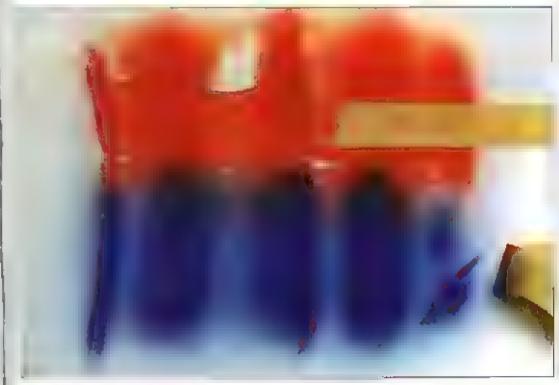


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- or this tuph fost introdutial ships of like is in reged will craftling taps then of and outled back to the right alexposed area is sprayed in a medium shads of red. This is worked. [1]
- vertical bands of colo il lineally residual spray to create dillas il a ubter si noce



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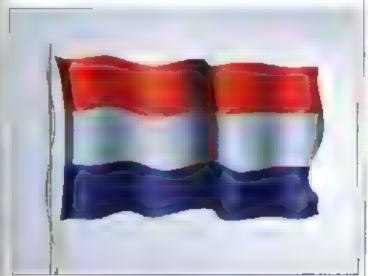


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15 The pole is re-masked will disconsist the difference of the deliber with the rest of the poner Air in precision of the

tare is now apreyed over all times adopted in vertical bends, bringing the lines work logal for and adding a tinuous depth of rangle for a whole tipe.



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#### Double Masking

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# Datapost Ford Escort RS 1600/ Paul Shakespeare

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Bir illighein, England, where the own or osplay in the privates may under

Once the pencil drawing wile. completed it was trops an a to a SEC SCIOCI SURG. 1 Sec. 10 paper which has be used to led in maskin to. This proved unsatisfachave as a value of the particular to seem ing increase the ideas of the paper working wherever the passived 1 to was relieved, awas finely fail fad o photograph the original lie in BWIND FOR Which a write close line print was there are no or 11 adion resemble the past material. at sixually to an wheat to pr the different to any some needed when so any masks to are vant the kinfe from Lading for deep if a level of the law of the law into the state of the second of the second of

Cant Micadive in a spraying (Shi minphilis palpet Web he assess with satisfact Web possible a convey any dolor (self less ton or site mis frage the latter

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shape was not out and my obtained on many and a war there is them. It is also have a reason to also of the control of the all alloes or the above to be the control of the control of the also the control of the control of the also the control of t

The erest normally visible thought is an investment of stores the rest of stores the rest of stores the erest of stores ered of stores are a great visible of the stores ered of stores of the stores

#### FLAT TONE

White it is perfectly possible to apply an eyen, flat shade of color by name, much practice is necessary before the results are acceptable and without blemish especially when using water nor in gouache. The airbrish simple tes this process, although it still equites practice when applying flat shades of color which need to be trans-parent or translocent When applying transparent wanto it is with the airbrush, it reservoial that the air pressure are amount of point allowed through the airbrish remain constant to prevent stripes from appearing. The distance the aubook is held away from the actwork titest also remain constant to as at amations in tonal value However, the advantage of being able to overspray any imperfecaura dues give the autorush the edge over hand painting As a scanique, the application of flat take is threally related to granutnd superence dend ime before It.



1 (the area to be apprayed with a fullibrar has been intested and the appraying proceeds from the top to the hortonin passing the artificial from either being over the masked a eartification and appropriate a trinish the spraying on the masking film as this posume that the color is faid evently at the odges of the masked shopt



2. Color is gracularly outling following the same previous of the requirect centrify by those induses to apply the requirect centrify in the requirect color of the color someon to be previously to apply the requirement of the color of the



A statement of the stat

### FUUND OBJECT MASKING

The function of all techniques is automorphic to arrive at a given result. The technical means of achieving these results is unamportant if the disstration itself is successful. It may therefore come is a surprise to some to find natural and indeed manmade objects being used as masts for spraying. They open up at a method wanter of textures the mage winds can be purgetted as in a large winds can be purgetted as a purgetted as a large winds can be purgetted as a p

When collecting sample objects, especially natural ones, always make size they do not hold dist or dust. Besides damaging and marking the surface of the activors some distinguishing the fresh that would deaden the fresh tests and vitality of the finished artwork.



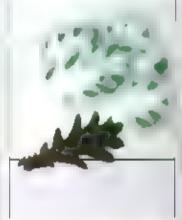
#### Stones

A collection of sinces is likely tail on the artwerk and men over sorayed. The principage shows on stones after they have do not smoved with a offect on the university of prices of the logical or and upsaying the specifies of the logical or and the logical or



#### Twig

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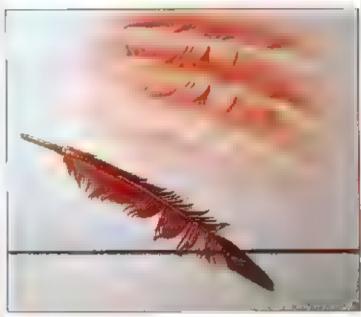
#### Leaves

In this photograph a leaf has been declar for any lines and ordine procludes a factor of colors.



#### Renoches.

A service of themselves shown with the required at the indicate of the control of



#### Feathers

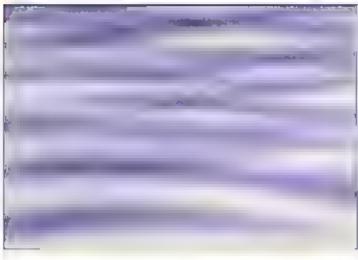
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# Bark

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#### FREEHAND SPRAYING

This is a technique requiring march practice before it can be used effectively on fraished artwork, because, as the title. voggests, no masks are used to grathe illustrator and all control lesin the hand. It is a skill which should be acquired because there are very few occasions in alli stration when some application of freehand spraving is not needed. Some Illustration have developed freehand spraying to socar a logiacutee that all of their work is produced this way However, freehand spraying will always give a soft edge which is not necessarily compatible with all subjects, and It is more general practice to work with master which define thaty as dal thapes, but to use freehand spraying to develop form and octas, within the masked areas.



2 The depth of color is gradually built up evenly from top to behave



e 5 the Monte in terms at a serial india wave effect to streethand spraying. The indial spraying is light and in a essential that the control of the anthrush flower castly a the serial production of an indial serial control of a serial trial.



3. The completed example shows how the intervious lines have out to a complet tenal offect.



1. A real and clean reanch drawing enresenting fearin is prepared section; the detail to a minimum. This could be drawn on detail paper first, which allows for correct one to be made so that the shape consider the country or, as here, straight only a Loard for spraying. Whichever assumed to used at diatter its drawing is competed, the board provered with the story time.



2. The first stage in the spraying sofulurice is to remove alm non-nellow hardwares for the low hardwares the cost in the low the low of the



3. The masking film is then party out and removed in proof to shraw those treatment the father with the series had artisely of the film with the strength of the film of the f



4. The remainder of the masking tim covering the fabric is now. reclioved, and the freehand sortiving equiliby by dipping the suff or all aroas. As this progress is no impressor in the light regions. sewly increase. Because of the very late or her pulsting endcontrolling at airbrush. It may well prove easier if the artwork a lumber 90°. This is hereuse a o rectional epray funning from left to right allows more not itsi movement of יומל אבר הווים ליות לאוד אותו מותר אותו. the Whee following this exercise oreat care should be taken to onsure that the tone, prodering a soften as the dept sonate profit. of harwise incident obtaile in large will lock autitlety



5 The righes and shadows to equal traffit the "feet of the labors are built in a freedable style.



6 who the may redident in state and a range of value basebase maded in a their leavestars, just remove the surminating masking timit review the large standard redisease.

#### GHOSTING

A been it is important to show the or in, not a viction shape of an about but ilso seino a laterna. to his wathin it or hearnd it A - - is used II is publicated Are a technical facility when descriptive three-damenrenal drawings are being prepared. For example, a brief mighcourse a complete cutaway view it a complex new four stroketo a lineared the st marked forms of the cylender area. exhibited block and sumb ending the engine would be a size of able unless enough in amatical was included of the exterior if would therefore be practical and de rable to include ghosting. his would enable the engine a. whole to be understood, as we-. the workings and design of the interior, or those areas not tormally visible.

on subtle color and shorting to some subtle color and shorting thanges which will not adversely affect the exterior in preference to extend on the first sequence of spraying by the sequence of spray



Ghosting Over a Section Cultaway

1. The form of a piston, its involved plant of the increasing ad is drawn on detail paper, with the location and shape of the cultaway or to location and shape of the cultaway.



3. The mask of the overling the waide surface of the piston made entire by the clock undersolve in of the section outside yet yet out end the section outsway, is gut end to be read to allow for these eness to be allowed in a section the set in the set of the section the darkey shadow, and herefore contact the darkey shadow.



4 After Alling the mask it exposes areas of the medium shaces these are always to a feed a highling its ray as a warr, its interesting to the late areas as a series of the areas as a series to the arrange and the arrange of the arrange of pask the arrange areas the arrange pask the arrange pask the arrange pask the arrange areas the arrange areas are arranged to the arrange pask the arranged to the arranged

700



2 lie trawing sitransierred (o illustration tragic and governo with masking tim.



 The same process is completed for the right hand take out now the ratio rad highlight is (oward the outadge of the p-ston.



6 the areas of the trawing are cruyed in martining a received with martining at the containing the containing the containing areas of occar to be according to the property of the containing the contain



7 he himness started instagents contributed varying the day to it loss at continued varying the day to it loss at continued to the discount and the analysis of the consecuting at the regular variety and the consecuting at the regular variety at the property of the consecuting at the regular variety at the property of the consecution o



9 Replant of previous masks the rody of the chine sprayed using accept the ask relief calculations of the This property in environments of the This property is nationally in a radio and the developing in a radio and



The central section of the exercit of the paston is the tast a dye of the paston is the tast of dye of the paston of the paston. Also is even to miphated in the wind final heart of the windpast on with a print of the heart of the good and the paston of the good and the paston.



Pris stage a rows, the thickness or nepth of the connecting and sorwed up with sufficient northest and for indicate the shape year's. Notice if it is do alker of the use of myellow sections, while of only allowed wards. A specialism of only allowed usually a specialism or damage less.



10. The grandier shortes base incogration of the state inco-



12 This at the probability form of any or extensible solution of the extens



13 Times in a division condensing the stormer way added to divise roman and mastering three removed produced when the product of the stormer with portrol who times the product of the stormer with portrol who times are stormer to be used.



15 Next is emedium shades or ghosting are sprayed, where include the continuation of the grockes low the piston rings.



14. The artwork is completely recovered with new masking thin in preparation for the ghosting to be applied in the areas which are used significations and removed in the shampte hase aleast included a typic to be start in the challed phostling is sprayed asing lique which



16 le darkest shapes are the last to be appred, giving emphases to me depths of the fug necess, the growes for the period of A shift the thickness of the high lives.



17. The masking I in fact on for the phosping is removed, leaving an image which shows the complete exterior or the piston as well as the piston as well as the piston as well as the connecting mid and gudgeon pin



18 To improve no nepal of a last to an accessing ment the global search seas of the strain or osage, an iolitated to the painten opaque where This also Improves the quality and finish Great care this always he taken when global the season to posterios and another the exercise the which would defeat the exercise which would defeat the exercise and larger the exercises and larger th

marticle, with a bits a land white or wall was a language along conmarks and militable can be made a Figure continues hoor work



#### Southern Railway Merchant Navy Class, 4-6-2 locomofive Ellerman Lines (detail) Mark Evankin

the second section of the second sections of the second sections of the second sections of the second sections of the second sec se a fin he where's equal so two as much to ad as a so lead the at the beside that examde a februaries y marie girth shoulder by the rich and is the Son of Man and a man ent on two available to exyles is the equation of a specific ichte. G. Burt et jihad a ge icko effe, ara be er aemi in ning one 1 bodies - 1 par wither C viril will sale at the month in the ser mas seam to may be a o xincli fee to a que a disal file will be an extenting from the control of the second who was eer aus steam at ear papers to the paper te tre by the to to be The place of the same of the same of will the trade of the property was the second per tra that is a district a 6 http://www.t. 41 11 1 6th on 6 1 1 10 110 110 110 110 In ety the early significant Chica ins to a few days he tetra in maggir as an ant art is a process of some to April 19 to 19 4 4 4 to do the financial of the first e , '' 1 de 1s e ploj du avir , the fetter as the second THOU I HAVE BE TO BE BY with tales entrols and 4 tions who else which enhance as appropriate control Tet di T THE EXPLOSE

The expression of the place on the place of the place of

#### GRADALED TONE

Gradated time means the application of color which changes gradwilly from dark to light, either fading into the white of the beard

when the contrast is controlled a gradated tone can elaterists this need for oversprayed highlights. If some diversity watercolor over a transparent, watercolor over a

transparent watercolor over a presionally appued color, a transsacent effect is possible in what the first rotor appears to do o through the second. Tonal grada axis is the principal means of mocal or in three-dimensional form

 a system or and broad ages
 gradated trates and colors make atmospheric backgrounds.

thradated tones are particularly effective in creating sides. If for example a midday sky is desired the first gradated tone would be a soft base of vellose running from the boatson up, and elending id with white of the artwork about a Digital of the range of the strengt about a

these total and the analysis of coding and the same point and about the same point analysis a gradated tone of cortain or cohab table is sprayed from the quarter altwork to blend with the preyings by a core had an the preyings by a core had an the down towards the florids.

areas area atest

the beints which the authors gives in producing gradated. times, whether on a large or you a some of the distinct odvanuser to a While it is possible to a --- in the same resulby name - we mes increasingly n o caso pulate with r are as year here's at the to be a alah melay was the astrolar size of the control provided by massa -bechoose in the to of the authorish spray creatiathe chearand reposts a se-APAGE 1815



Background Gradation

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3 The process is during be which we code slowly increased. Depth as a spicing of the interdeventure in the owner ladge of the arrandal.



4 the hall stage in coloreng in he are not as for and he chants constructed as



2 to qui by y Mix)
to polymer to the control of the



5 First, the mask to a some order mask to be tracted in successful material successful payment to the three offers material by a first offer the overall shad to be tracted.



Gradation Within an Object

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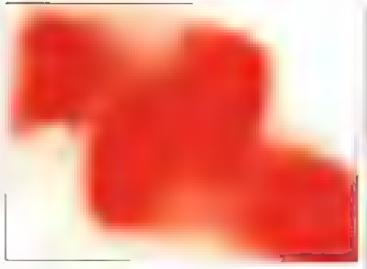
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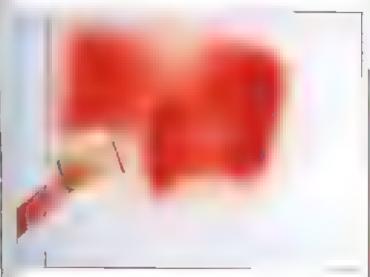
al urves



2 well working the top part of relibbor is removed and his per lack with a piece of masking table is section is then soraved vertically with bands of gradated color following the shape of the line.



4 The final state is splaying to the receip part of the notion of to solve on the heritage mark one in that indicate





5 All mode in the interest at a smooth of those inglifts interest at a smooth of the third interest at a color the tack she design white highlights have been adner.

# HALOING

Harring as its name impute is its application of a circle of light one should appear as a soft gentle gentl



1 of juggrave or have one to jugge as the form in the second of the seco



3 A view is franches in the page of the series of the control of the edge of t



2 Staribuler shapes have freehold into licewing time specials could decrease enough the large seem to be a local staribuler or a local staribuler of the large seems to make the same of the large seems to make the large seems to be seen to b

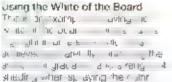


4. Who the region 1 is remarked to the facility of the puller of the facility about their

# B GHLIGHTING

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Using an Art Knile Blade

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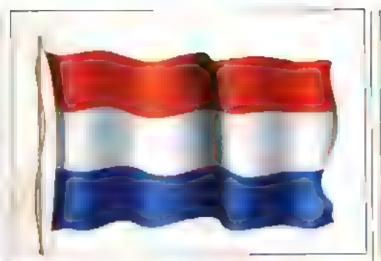


2 Bit is ny milastrame blodent.

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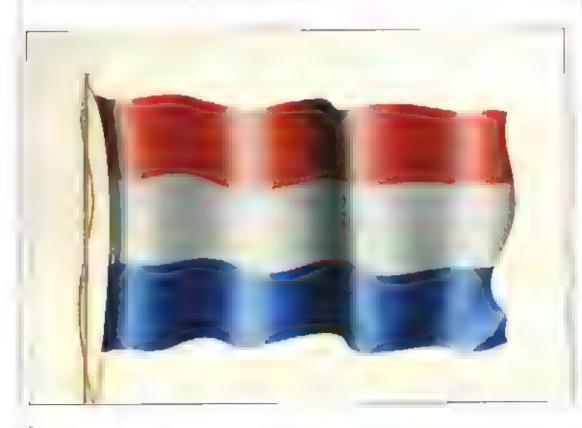


Using Opaque White

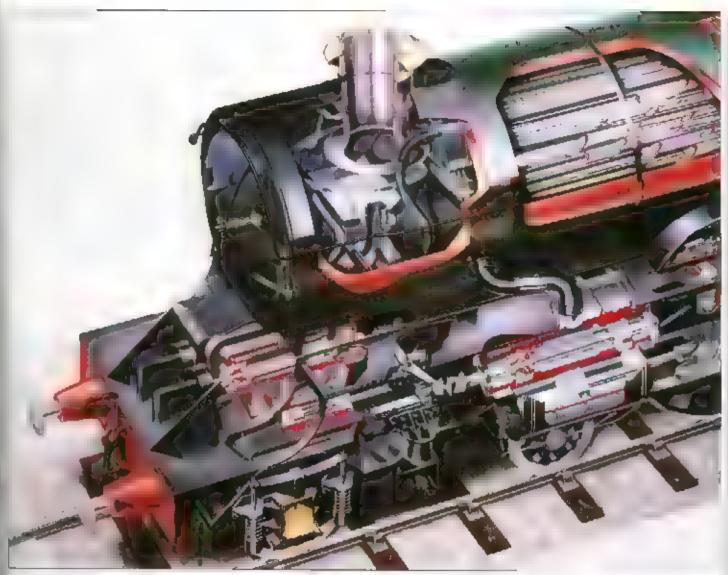
1. The artiwork has been orward. with masking han and the complete flag exposed for spraying, as it is intended to increase the own as it? overspraying highlights.



2 .k a 50% 50 8yer कर कर रिकास मुख्य है। pearing in differ the time of in Right Stocks



3 × 4 × 4 (a) em sathar from sifteevad the a projekt memberal revers a activities demage.



### Great Western Railway King Class 46-0 ocomotive King Edward II (Mall)

James Wester

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#### KNOCKING BACK

When it is not possible to take a hotograph of a subject is acchar could hous required to chors toff to advantage. Us usual to es at to the technique of tex or back the iers apprept att areas of the image by occuping by with either durk in agent shodes. To mainia nonterest and pear impact in is not recessor. at ell rippare these alreasy ampletely all a technique waved ever asels in producetor here are sa are be applied and bally 6 programment for every less the has kgrouphe detail of an lawrae appeal to compete ou strong a with the sub-sit-



Darkening an Obtrusive Background

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2 has some a substance of an assembly the major major



3 A 3. A long of transmission color a 3. S. a detail Charles and author of the arm



A known reset to the slow to a partial set he mestally to state a detailed as the automorphism to further as the all supports of according without and a cord



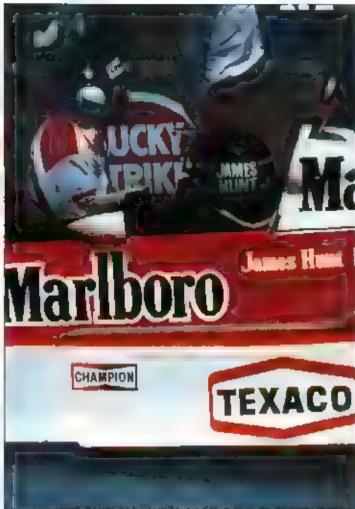
#### Westerling Background Tones and Contrast

1 his photograph shows a racing at with figures and details in the deligibility of the deligibility of the control of the cont





2 Masking film is placed over the whole print area and the sections covering the background at lifetick are out and removed full spraying



4. Once the revised sharting clean, separates the background from the principal subject, the masking from a removed. The efficience in clarity and child jain between stags in an air completed amage is abridged, and if has improved the impact is the provide.

3 The exposed arms arm wow sprayed with write. This is not so opposed as to descript its belieful or fight voling over ness parts of the mage.

# LEFITRING FECHNIQUES

The use of an airbrush in lettering is helpful when flat or gradated color is required as a backdrop, or when a characters or words are to be freated to objects and sprayed to give form. This is often teen in advertising, a typical example being the recidenting of words and letters to create the impression that they are made of chromic or some other highly reflective to accept the procession.



#### Using Self-adhesive Masking Film

 The sans serir character (E) has been drawn on Jetail paper and transferred to board. A sheet of masking him is applied and the character out out.



2. The film covering the therauter is removed, and the exposes shauters then appayed in the removed costs and style of finish here the paint has poon gradated to swift a retended inglinght or glow to me lower particle.



3 The masking flor is removed, saving a strong hard-edged fir sh.



Using a Stencil

1 The same style of letter form is now drawn on stiff caroboard and the shape cult out in the example shown, the praractor is compared twely easy to work with, having only surgit inless and light angles and acute engles may appear neat and accurate a life scend bages but any slight imperfections in guiting whose more than moriges his on the firisher adwork. Practical in outing is there for arronnmended.



3 Her rowing the cardooshi shave wat the characterinas slightly soft adges as a result of residual color segoing under the adges of the stan-



Fire cardiocard stend is held in the time.

Jehard artwork is thi sopear it is then spiritually as required



4 in the countrie to sund standill to let J us at a way in the

board, giving even enfectand mare higher edges in the inaccion



Using Dry-transfer Lettering
1 An jello character "E has been
hiphed down on board

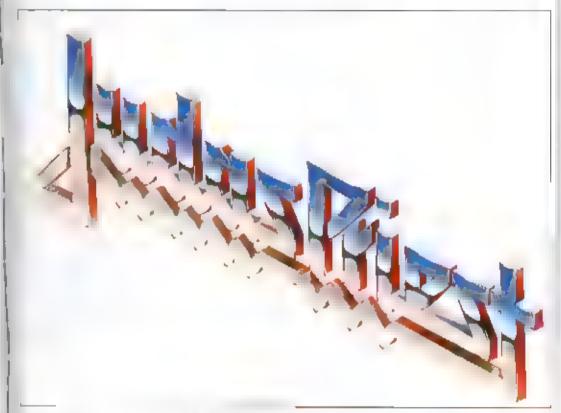


2. What will become the because of and all look care is then a wayed and its character and surfoution glange.



3 The dry-transfer character is removed by using on the drafting to a la peak I up Av Jugh not shown in the Action of a standard N possible to spray a securit polo-EVER DOTH THE CHARGE FOR BYTE GIRLS INV base color Further characters has able on arounding of the base with or the area a m-sprayed time the characters minored they would sopes on he amonk in the original base color. However, or indrama care is needed in surround the fire cars. for energy scies not to damage the spreven covor united reath or roles gab acrais and treating

# BLAGK GADILLAG



#### Black Cadillac Dave Bull

This is the title from a poster dustraion which has been hard drawn in a siyle belilbing the period of the Latre rendering has been executed to hake the lettering ancear black and s" y Again as with the body of the call pure black has not been used wat rarely see a pure plack with no coint hiss that bue and bue-back have been chosen. The test tail of the art two tollerest rouse is an overal to gittle reflectot in a lineur are from the atena with an opac at the trank gradared and feet take when furn gradates into a very pay just above the horson. From the hadzen inn down blas It ack say. igen spewed in a one with his ens are three dileast the entito parameter in all projects number of previous to the de-Ing with the leading assists and solayed at the same time.

The complete illustration from which this bits was laken card as left includes 108 and 109.

#### Judas Priest Mark Witkinson

is a terming replication on a score as a classic exemption of now two words use lear randomed with an armonal with an thing word to account it with an armonal which could not the 1900's and shows it to sign of about 19 As a style, it is very purposer if

sitver single id the music world the example above is the name of a group altbrushed for the tour positive.

The approach has been to cursite at impression of a highly possible of a mouth outputs included notation of post of the cursite of the cursit

baser said sixt-anger mix was mit be sitilized and him or individually an an adensive use of reflected output. The shade imagin of a citil organization as shading in the diffusive of as indirect which are shaded with the popular edges accurate and read mast country is assent at locals of the impediation was discontinuous control of a citilization of the illustration.

#### LINE CONTROL

Line control techniques develop, with practice, the skills needed in controlling and handling the arbitish, in application, any of the rechniques shown can be used as part of the general processor of an arrival and piece of artwerk and, more often in adding the finishing touckes which enhance the retain of all a capitation.



# Freehand Spraying

insultable uptimizer to all auction and released in the ability to control are automate, it shows the treehand ustrol an arthrush in produce fine straight has the majority and in a thought end in at all are higher which the content of any sines which the summate the area of the above majority the tell and a second more than a thought movement of the tell and a second more than a second more



#### Jeing a Ruler

is photograph is devication being sprayed with the aid of air let. The ruler must be refer at an angle or till the line is completed with the correct arrivest. The when using this ecropic of its allows with the correct one so the line of the always advisable to standon on the masking for nattier than at the edges. The interfer at the country of the allowed by the country of the



#### Using Masking Film

The illustration shows a magratine cover on which the initials \$1 have see those in the control of a case representing a two point perspective you. The terminal involves on each the struck with masking time and cut by along each firm and has these actions of particle were about the same of the firm and interest the firm and the firm and the firm and the firm was mink with along the firm was not a first and other the firm was not a first the gradient of the firm was not a first the gradient was not a first the gradient.

#### 11NING-IN

While the major part of an alustration may be completed with an airbrish, it is unlikely to be left without any drawn or hand painted holing in The reason is to establish and dearreste detais which could not successfully be applied with the aubrosh, regardless of the skill of the mustrator Lining in becomes therefore, a very important part of the process of completing an austration and should be applied with the same care as that given to the airbrushing. So often beganiers to authrushing tech-Nighes see lining in as a horing chore-the final stages in completing their artwork, with the coursequence that a good piece of a thrush ag

can easily be ruined by rushed and poorly applied hand-work

utring-in may be completed using pencil paint, crayon or usion or a combination of media and with any of the wide range of drawing aids available to illustration such as ellipse templates or french curves.



1. The bear distuits end word for a face pmille have been appayed in using serious leaks end stend alea appropriate.



2 Preenance progressively is now applied to hind out the finer riskalls such as the eyellasties, the risk and the evaluations.



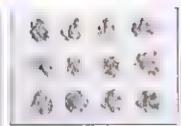
3 hitselfy, using a sharpering white pend, highlighte have been drawn in a dor, blete the bicture.

### LIQUID MASKING

Ligard masking is achieved by gaing a rubber-based solution which is applied to the surface with a technical pen. The commercially available varieties of high ald masking, also known as missione fluid, are usually tinted to assist in their application. When dry, they leave a waterand paint-repellent film. Color can be sprayed over and around this rubbery start formed by the dried masking, and the mask it subsequently pecied or rabbed away taking care not to damage. the surface color

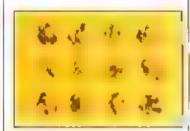
Masking floid is particularly useful for covering small and ntricate details, when more conventional methods of masking became cumbersome and difficult to cut accurately. It can be laid on a clean, unsprayed surface or overlaid on areas previously sprayed. However on certain surfaces such as rough finished. boards and papers, extreme cure is needed when removing the marking to avoid surface fibers. being damaged. If in doubt it is when the flat of a standard of a sample of the paper or board to be anes.

On completion of each stage or using masking fluid, the breat wast to apply it should be their mask's charted to treat water there is the same water which is used to mix the colours for spraying or cleaning die amoresh Before princeeding with successive stages of spraying, it is essential that each application of masking back is allowed to dry thoroughly.

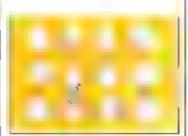


#### **Dot Patiern Sample**

I in this exe, ipto, legaci mestang is used to overse a layered dot pat on in relucios colors in a city stage, twelve minibily so rai soors of fuld are laid down in three ironzonal mass.



2 liens the first glaze of transparent watercolor has been aprayed own and around the masking fluid



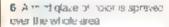
3. The nice of twelve spore of mask if y full have deer removed by careful tooling with a finger leak on the white of the board showing in the place. A decone parts in a marking finite dots in then applied allower to dry.



4. A second glaze of color is garayed over the lint. The true color a applicant where it divints the white application of mask in that



5 The second layer of mesking fullis removed and a find applied. The white areas of the beard which are visible are the result of the second layer of mesking fluid divertapping tratiral.







7 the war esuil is visible or the monoval of the mind layor of macking fluid. Narurally it is possible to edd several rayors of masking fluid and an equal of labor of glazes as ces red. If is also loos allowed to able v

e masking fluid setter destry setfined parameters on occasions when self adhesive masking film is any med type o masking macaphap etc. Is the depends very make on what is to be achieved.

ál.

4



Partial Removal of Liquid Masking 1. hive horizor tal stripes of masking fluid are applied to the board.



2 The first glaze of transporont watercular was user aprayed



3 In this stage the first rays greaking fluid has not been norm discly in rower. The selectate and is achieved by tubhing a fingitive required amount of white surface is visible, a second glaze of process sprayed.



I the remaining creaking fixed is itrally not away, with the trial glaze showing cleanly on the stripes and supporting visually at the front while the second glaze appearance of

cockdrop Again as it will its, esample anditional ayers of both licuic receiving and glezes could be adoed if design.



Usang a Ruining Pen

Liquid masking applied with a ruling per allows or line treat petall to he drawn where the state of the silthork or a prevously sprayed base color shows through utby teneying final cases the masking fluid must be allowed to dry thereuphly before spraying, just as the sprayed color must disc be allowed to dry usions themselves the fluid.

This purificular technique requires extreme care in the percent of the rinary of the percent of the rinary of the decrease the sorrower in the last y decreased symbol in the case bis to the rinary of seather to the case of the case of

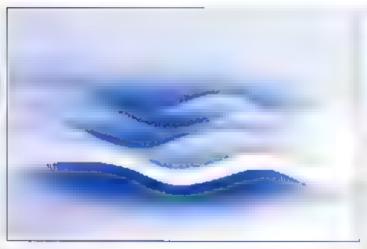
on a rough-eurlaned tower is hard fore-cay surface a preferable as the libers of the board are less may to be namaged by "furmo" and removal or all of the masking I in this example, a sones of honzontal lines have been ruled using masking that. Those are then over aprayed.



2 When spraying with extendion or gruinched it is extensible to remove the frac massing fluid with the tip. If will are write blade as seven here with water tool for vite. If you lie to remove the mass with a notification in the control of the co

#### LOOSE MASKING

This refers to the use of paper and cardboard masks which, depending on use give a clear but soft differentiation to the sprayed edge Besides giving specific effects, toote masking is a quick method of spraying areas without having to resort to masking film, as long as care is taken with the direction of residual spraying. Reference should also be impact to another spraying.

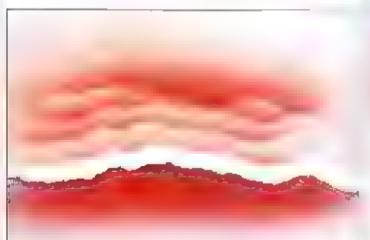


# Jeing Paper Masks

 Paner masks cut accurately to a pre-determined shape are laid directly on the activory and sprayed over where variety of different. shapes. Because the paper is directly in contact with the artwork line edges are fairly well defined, with only a small enjoying or residue haims seeping indemesting.



2 In this example the paper masks are held a distance away for little artist visit which allows for more corporated under the distance. This gives a mach so set if his to the education actions as at last or heart the paper masks the the artists.



3 Here paper masks are used again but on this occasion lie pager is rorn rather than out. This example shows the effect when the mask is add directly on the artwork. The irrag landactions of the total edge in occ. Lady open duties.



4 The same tom paper masks are used here but hold away from the streack, giving the softer affect.



1 Cut carriboard as shown horounes very much the same effect as out paper of thought the observer because of the Homeason) link occuto the the amount of residue and seeping linear the mask



2 The cut cardboard is used adalo. but help away from the entwork, us ing softer edges.



### Pop! Brian Robson

As a document Blus, and as of a show the use of heavy different leet ques Almon, o tra efer in itlanhearing dependent or new wasings, it s unlikely " at an inustrance will be contribled with the seconds than each charactering on on ay in 166th THE ENDINE STROT SE sase in polit it in rows the use or cuse mask in at levela particular hirse. While the majority of the color happa-brad dilw hayong need as: needs the Judge Shoulds of La Tas IIII saugenat suppode cave semisprayed with a buse mask.

held slightly away from the surface of the artwork. This plyes the impropign at representing the glussy. er ameled finish lifts all heigwithout appearing for ware are he dolloom sist is would trailed their look shromed

When assurang which technique should be used. For investigation of onso maskina, por aderabem needs. to be given to the desired finish and as important, the moterals and a face forenes to be rendered in other purer of the illustration. Yet again. fire-planning is useful.



#### Jsing Absorbent Cotton

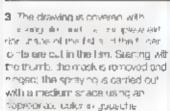
to enable even more hazy laberage. shapes to be sprayed, cotton is taped in place on the artwork and gersprayed. This can be on findly the two when to example size of was with soft ranizing are noncona rough care is required not to

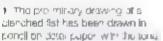
sprey over the tape as well as the contain of to allow residual spray to anomach and hause the silhouette or the Japa to become VIIIIII.

#### **OVERSPRAYING**

Keen observation of the range of values in color data and shace wit make it apparent that the base color of an object is carely seen by itself. The reflective natitite of light means that other colors will be included, usually from objects or colors inmediate by surmounding the principal object. Additionally, the composition of some subjects means that the colors and shades cannot be separated and sprayed in isolation. fresh each other. The themrequires the application of overspraying to model shape and form. The use of overspraying when airbrushing is similar to overpainting and gives depth and hody to a subject.







vslocs shaded in These will be a useful externing when spraying the mage

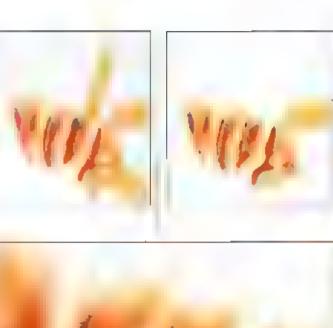


2. Once the drawling has been in recreich, the putilines are transferred in this transferred in the stress in the



4 Darker shades are added over the medium ones thus increasing the apparent depart of the subject. 5-8 The spraying asquence now processs will easily high that fright if the have been mode en with the arbrush using the medic hishedes A all an ic the seas ite mask. nin ez ano il tanz il ged la allow for accourate represidenting. In a secper such as the glod choice of the arros of auto stresse a deinouargumectaring to area lagged finish where one linger is touching its a john whee , fager ass to hock or lighter at a side of freedying! a unidite modification, year food to as antrast must also be carefully our trolled as that or completion of the resideling of the force, theresingle-violence of the sequence. rofuwed.







9-12 The process is repealed reviews the previously langed along that the electrologies is over updayed with the turner sharts.



18 When noth roral values have been sprayed onto the traject all separately hingen masks are completely removed from the artwork. The medium shade a then sprayed test and ill model the back of the hand and the wrist.



15 The tarkest shade is added join marily over the shedium area on the quals of the hand.



17 The antwork is compeled on the removal of the final piece of masking firm flepending on the size and purpose rule ellustration, additional data in a diba added with period and proprior.



14 A mention-dark shade a now eversprayed to increase contrast and to indicate natural shadow



16 Finally a very bort shade, which is almost pure or le, is oversprayed a edd highlights to the fingers and knuckes.

#### RULING.

ovether with time control and anoxi-iv. diawing straight lines with a ruler is an essential techmore for adding detail and linish to an airbnished illustration. It must flever be rushed, as It could eases make or man the finshed work



#### Jaing a Rukmo Pen

the traditional and indispensable rulht 50° is shown being used agains. and politic phase renty artifug pen card host be taken so maintain the 1909 And A Phroughout the Jenath of the injury is also important to hold the her at a slight angle to the square or ruler to prevant plant or inkfor fooding undernealt the edge.



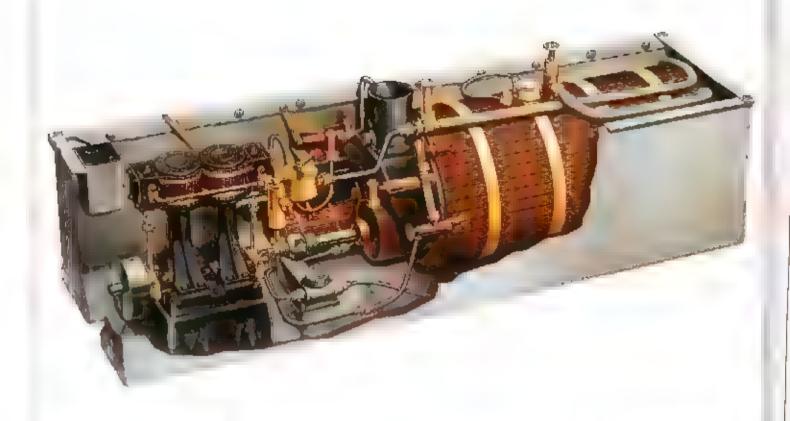


#### Using the Airbrush

A minoris ix in graphers as a primite held at an arctie, as an aid. This gives a clear trish with varsing george of gradated shade curend If Iy from the edites of the line. on kind grantifie strenger of mediim and the air opess on hilly word. for out the arthright With essipres-Fire the newes disopes growing

#### using a Paintbrush

1.3 uhi/sopreuh shows the illustra. for drawing a near lever inclived its urasi lustrigi e ruler to ens. Te straightness. This technique requires steputy prossure to maintain even thicknoss along to recurred length of the re-



#### A self-contained model steam power plant Peter Jarvis

This mise-quarter view perspective illustration was convinced by Argus Brinks I rd for the trinnik. SS Greef Briams the Moder Ship earl it clearly demonstrates the application of incurse and using one and a line sabt: "rest Tratechnique adapted followed convention of the trinning one arborated around the preparation of hill colors arborated around for restrictions around a region of the preparation of hill colors arborated around for restrictions."

However, the subject is made up of many small components which automatic be antiquated and which required exterence rank over ted work of addition of was decided to present the subject to a may, unusual state which would anhance the various components and the materials from which they were made but which would also add contrast between the different subjects and the way they had been mall these of the contrast to create some of the sample.

The all minum casing which one are the buller purpose and bythe winder strain angine has strainty lines on those edges which would show a shadow. Expossibleing the light source have peen highlighted with a shadow, for a high or much

truit let mitroit the passe dutor. The detail siculibris and contrast on the fearca diw adiques resources etenin as have the codes of the cuts. These are rendered in two shades of red to show the thickness of the aluminum. with the leading edge picked out in a very tight gray, while the shadow edge. has been picked, ut with a dark. gray. The red castings forming part of the bailer fittings were first surgived. bors artifolidad etidos eugago-spea shautow lines were applied after wards by hand. The brass is its also have a scraved base Lotor With shadows and highlights subsequent. y added. This approach has been accepted to suggest the illustration

As antinual red flustration such as this composed as it is of so many at a details recorded at ities at extensive use of hand-rendered ruling and ming-in. As much, it not more patience is needed at this stage of an Binstration to ensure that the final is composed with the quality of the refer share flowperienced artists should be wary of rushing the work.

#### SCRATCHING BACK

The point of a new on an art state base is an effective and addispensable fool for adding fore high ghis and texture to floored wast this kind of detail sturpets the firsts of an illustration and addiscriptness to it. To achieve the effect the surface of the art work is scratched back to expose it white of the board.



#### Thin Highlights

The Latration of part of a paiente shows in uson the amount sheats by scratch back in a write highlights in the smaight and curvice society. Although not very write for the required interest the quality of the finance (luctorium)



#### Thick Highlights

hiths example highlights in the 1990, cyclopies and lines our our dingine eyes have heen subtly





#### Sprayed Highlights

It is a two risk of an exchered stiming through material scratching baris used to en ance the mechanism for a most of led to use and it is easy, a sprayer manifold which emphs with a court of a grayer in an expectage of the ledge.

#### SPACIFRING

Spattering can be achieved either is temping the an pressure a lowed through the althrush or by litting a splatter case is the eof the usual nozzle. Add thosa control is achieved by varying the instance the airbrosh is held away. from the artwork and addistring the combined amount of air e-wmeasure which is allowed brough the a rbrush. The effect sioning significant specification and a significant specification of the significant specification of the significant specifical specification of the significant spe finish with varying dens ties and sizes of dots.

Because a splatter can can create quite a crude fir isti grace is required before arten of rights use this technique on serious astration work. However, and use of a splatter cap does have practica, applications it can be esed to represent the ground and thereby add interest and a classespecially when the province a bect is of a polished nature leaand he used to represent amathemselver retirings for the southern that wethon in a cutaway at wifety Emarise but three exact lies 3 serve spattering to create texture and the Linish activeses and does not predude its use to and be the controlled mantier for a rad tone to a shape of discut-

on praymal densities at its are thehided here which and attime spallering carries seed a same water specific fextures.



 Nelabicye cernor abaces tr. book of the many which was prospiler or data hasks to on each him him. variety in Jensiny and size of doing achieved by controlling lies show he after at inhald away routille. ation is Nr. 9. makes claimings. include the speaker has as as ascess-



2. The example shows after sile in effect which has been a lighted from a standard rezzle by using det east. air dess e



Gelexy El pot using a solid black or blue black a

base to the artivoric opeque white stioverspreyed through a so-after usuto give an impression of a galaxy of stors. This could be further worked. on by applying hand-painted of schaved "starbursts". The hase

Straying and the inhall state should. also be struyed with a variety of anades are por a

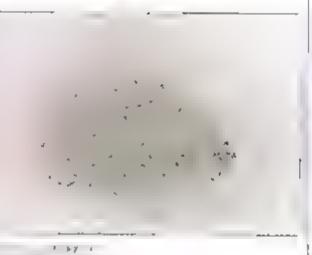


# Stone Finish

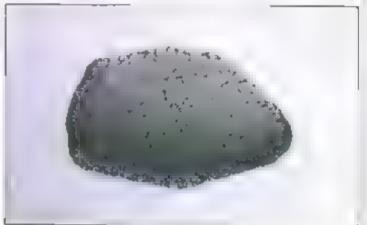
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3 for the first factor point of the second secon



the aple ser cap



A Thurs as a first on the frequent of the state of the st

It is reasonable to the same of the same o



#### **Bubber Texture**

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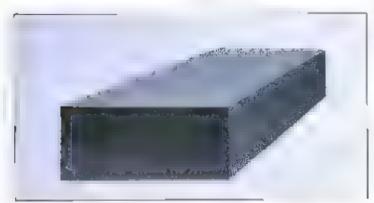


9. The side of the modes expresed and approved lagarithesing both the start that indexed and the splatter hap a developing feature.





a the top is the heal surface to be soreyed dy following the section in all instrained there is no need to recover the provides shades with imposition time inchessive sprayings increase the tonal depth. No only bus, his spood up the process has spood up the process has spood up the process has specially and the provides by repositioning in a film taken with the day of the film taken and spraying double suggestion the film is the same.



4 with a puried small above a replace or constants between the easily and the state of the state

#### Birthday cake John Brettoner

The readstines were convertor asy spreyed with a base color to resubties the general shapes and the color variations between the offer end water of score not receiving this as above edges of its chilopod and its model areas of me stories.

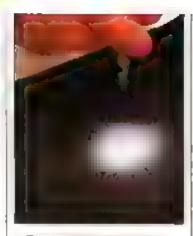
with the neutral Schafflading see then neutralized on the hash page and blacks. Next the HIGH the model of the HIGH and the second approximately as a second second to the second second to the second second to the second second to the second second

The cake base followed much the same sequence as the heat state with the hase color and farm heing popular first without a splanter rap. The upper we hear we have the rap at the same same and the splanter of the base of the splanter of the part o

#### **STARBURSTS**

This is a particularly effective a most rechnique which can be sawn it can be sawn it many affected ways beneat it many affected ways beneat it movements of stanting that the high take or descriptive of a return of stanting to a sawn a shadow in showing diffused vections or descriptive of the first of the high photostal properties of the high photostal ph

the following sequence: monstrates the most effective method of applying subjusts. a gueracetate mask. The reasm is twofold, in that the intwork it acreases clearly a subteselewing for accurate positioning enti Phat a certain amount of estude you it will seep under the mask, softening the edges slightly Ser aid especialishing film can be axed but this will give a very way-edged transh which, anners were rived ofm or the star. urst a subtly amplied ser fibe RANGE & BROKER



This stage shows the acetaes task will be an oble of use out into it there is no in a meaning of the cross are truly for general required to awrite even the segment thin of an edge appearing after spraying, require white is sonaward in the construction.

see that sharp or thought a ter-



2 The finished manage of required by a result of the second of the secon



2. The mask is shown borry to now the ding to the ding to the second of the second of



4 In the a high light of the state of the light of the state of the light of the li

#### STENCHS

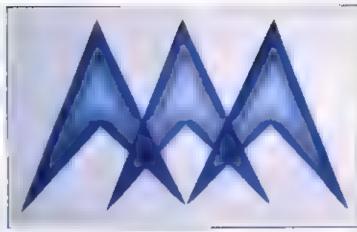
When it is necessary to produce repeat pattern arrecork, the stenett becomes a useful aid, although excessive use of a paper stencil with soon give distorted images because of the effect the paint will have in wrinkling the paper . Lick cardboard is a more stable material for stencils, but it can be difficult to cus intricate shapes The threeness of the cardboard may also cause a narrow. oraprayed edge around a shape if the ambrush is held at an unig. while straying. Natural or macmade objects, can also be used. as stencils, giving an infinite manufact of patterns.



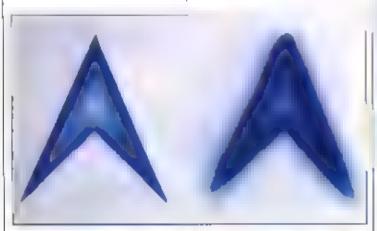
A simple phago has been suffirm as Floordbilland for too as a sign if



2. Here are sureying is festigated to releages of the steriot, with muculor paing applied to the cents.



4 A simple symmetrical little? intrained by overlaying the same shered.



3 The finished resultshorts of the let the effect when in stery the half on the ingular white half on the right shows the affect when the stend is half spoke the artwork whose that when his short adwork the residue opin cholosophes twenta wider area hold without and insite the sten. In



5 This example is the reverse in that the shand now consists of the shand and half our from the card-board. This has been laid on the board and the holor aprayed around it. When using a filmsy shand such as paper, if is possible to note it in place, by care to equippe a discovery around the shape of wherever is not the standard without the shape of wherever is not the standard town.



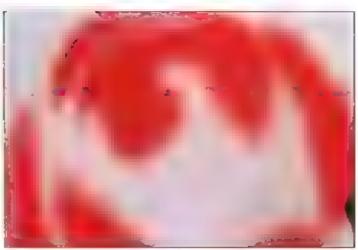
6 Using the same stend, as in stends a multiple oversapping darternings between action.

#### TAPE MASKING

People who do drafting work use a true space of self adhesive mask ng sape called myisible mask a age which is matte-imished. b) switable for drawing or lowing she and the refore ideal for repairg d awargs, especially when bese are prepared on drafting him. This tape is also useful in shing when, as in the exart ple titustrated here, small areas have been exposed out of a que les et hisy be cut and used in the same way as mushing fifth. interpretation has a low-tack admewith tack does no damage to the urtwork



1. Referring to the example described and illustrated incer the heading at a wasking in selection that he is a large of the is a large of the rest at proceeding was according to a procedure of the rest at the rest at the rest at the rest at the rest of the rest at the rest



2 with a age or take the peter a map a recover they care a consider a top property



3. When the reletant the translation are approximated in a contract the subsequence are provided.

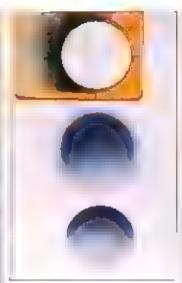
#### **TEMPLATES**

Heful aisls in airbrushing are be many and various die-cut templates used in diawing dius trations. These are used in much the same ways as har dicht stendils. The examples which tollow show simple applications for ellipse circle and french curve templates.

there are two things which need particular attention if you are using plastle templates in garbrushing. One is that the sprayed color dries flowly on the piastic We wroe should make sure the anderside of the template is clean and all excess color has been wiped away if you are using it more than once. Also, if the template consists of multiple shapes, use tape in mask off the mes surrounding those being sprayed; otherwise, residual colormay fall through and create shaptwy silhousties where color is not was test.



1 In a sensingle deliberativative the use of a typical ellipse wimplate. The applying is directed through two received size and alright on the ellipse cultier as that color or as the ellipse customer that is early some around heading the amount of a strain. While or the remaining the remaining that are sensitive, while or the remaining the remaining that are the mattern that are been raid on the sensitive.



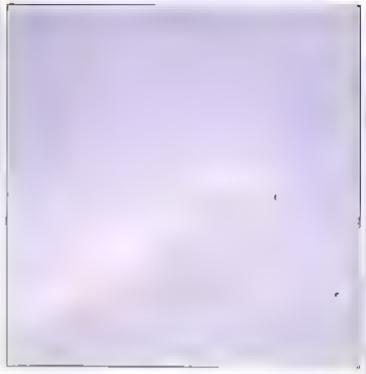
2. A lift eight and a hope seed here brown in ding it away from and laying it on the artwork, so it the himstock wan.



3 This shows a French curve being account to all clovers as will all the result curves, as will all the result curves, as will all the results are the prevent residual color from pend spreaded about difficial lasts of the second color and second colors.

## FORN PAPER MASKING

if the extensy salhouette beaute. prayed is not confined by predeempined chanensions, form paper can be an effective form of mark ng To illustrate one apolication. fimight be required by restea at pression of the sea and one paper prepared in a variety of wave shapes could be used to deline the waves over a prethraved have color. By slightly day ag the form paper horizonally to the left or right after the School the way er will take on Equite convincing appearance. albeit in a stylized manner. Reference should also be made to con MIN THE CONTRACTOR OF STREET a dille time transfere.





3. A new shape is term into the paper thoshin left on the artisock, or fishin year file ship loss in east mix.



If the example in appear eller is a small interested of receiving mountains a shown lare in the first stage of toil pape or thin pardiaced these lapreased. The border of the illustration is protected with casking film youth will remain in

Lace until the fine stape. Note that wild its near term wer from the paper mask is the shape of the mountain, and not the surrounding area. Decause the first shape will be in the foreground, the mosk is positioned in the tower part of the arthropy.



4 The process is continued as the infression of deproving associated that shapers as advisorable are not not read to a partial value of the ansign is babbes representing their area from to the one mention of the province o



2 The time applied from an applied is \$p = 2.1 are a white tool or attention the color halos or attention. An are riguritain is exists the observer halo reach disclosured sharing with most at area. The subjective type is attention to the area are said on the form the observer.



5 Again in shape is thanged shrened more lightly covering less area than heroth.



7. When the very pale shapes in the fall restance have learn completed the religionship and the religious productions and any production of the religious production of the advectors to a section to the religious to a section to the religious to a section to the religious to



6 Aprillation of the altogeneous vision of the products vision of th



By the second day substituted of the second of the second

#### TRANSPARENCY

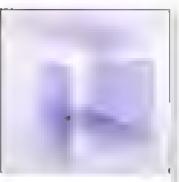
That technique refers to objects smell are transparent to a greater or lesser extent. It requires a fair seaser control in the application if sprayed color than does the representation of solid objects accuracity is easy to oversplay and in so doing to knock back he ransparent effect in which use the process has to start again. The example used here to Bustiate transparency is a simple table and no allowages are made to anclude reflected colors. magh ghts which in ght benations of from surrounding philads.

n advertising illustration. there are many examples of iblects airborshed in This way. A ich would not, in real ty beare parent. Mony of these plus-Julius come from the buggination of the illustrator and as done to achieve a controllar. effect and often for propact. Ibmuch this standard requires skill meter and an understanding of the changes in light and reflecfloor as seen through a absourent object, GROSTING IS vers much related to this techlique, and the two may be used figether in rider to gain a botter understanding of the application. or to special effects



I we shawing that stibe show in all a muse has been niell a recipied covered with masking film. The naturally weither left-thand face in the foreground is exposed and sprayed with a gradated shade of caker running man the much gives a that furnish weith a first as weith a code of caker running man the much gives a that furnish weith in the base serious serious and the statement as weith in the base serious and the statement as weith in the shade serious and the statement as weith in the shade serious and the statement as weith in the shade serious and the statement as weithing the statement as weithing the statement as weithing the statement as weithing the statement as the sta

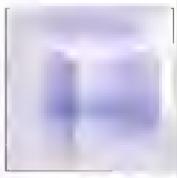




5 he war sail adoptively auto 4 to comer of the ordres furthers and from the objective is marked and sprayed with a gradular shade ourging from left to fight



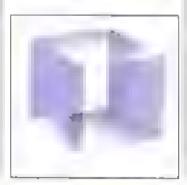
2 the hight his tid face is new our and sprayed, again with a dradeted shade, but the extreme is hard adaptionary the resulting light.



4. The inner face of the sube lying shifted death of shaping quadating with the death of shaping quadating with the death of shaping the of the face of the resulting the of several toward the resulting bdge coincide.



6 he e und their bala et that their little is a specific of granishert shake



7 Fitally, althousking times removed.

#### Finger Style Brian Robson

Some consider the pirtirush to be a tool only for technical illustration, which has no place in any other type of graphic imagery. Such viewcoints misunderstand the reason for using any aid in the production of an Illusbation. If a decired effect or frish is best obtained with an airbruan or any other tool, then would it not beappropriate and sensible to use 4? The illustration reproduced here is a case in point, for I might at first appear that spraying would not be the best means of arriving at the finished result. Nevertheless, an airbrush has been used, showing the illustrator to have complete control over the airprush and the density of cofor applied to each part of the illustration it relies very much on the technique of rendering transparency. with reserve weeking at the too left and bottom fort contrasting wol with the TLAT TONES of the two circle segments.





## BACS John Brettener

As mentioned in the impoduction to this technique, for grouter control is required in the spraying of transparant objects their solid cries, aspectally flotter objects are to be enown period. Control is required both of the amount of robin applied and the centity of the shades, each oping dependent on the degree of transparency of the chiest Carell, planning is also required to ordinary or the center of the properties any overconvent degree of their third control of the center of the cen

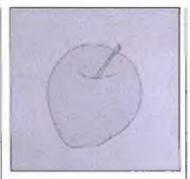
curfaces or objects are transporant, and which are in hord or hehind. The technique applied to spray to transporant objects cannot be destroyed from a single example of a limithed illustration. Because of this, preparatory door notes should be made be one starting on a piece of finished artwork and the securing of spraying worked out beterehand.

The example reproduced here shows a very simple, but highly effective, rendering of eight glass balls centined a larger one erying the BACS logo, all set up of the production of particles a subject of the control of

grouping. This quality of the ispanency has been acrowed by us introduction the ball immediately behind the one introduced a soft shade of the latter signed color. This is particularly coulous with the black and white particularly coulous with the black and white ball at the back has a HOH OF white has been sprayed with a latwer-key shade of his good rather the while applied to us reignificant.

#### VIGNETTING

A vignetic is a drawing which is not contained by any clearly defined borders or edges, but either fades into the background or stands on its own. In alrbrush flustration work, vignetting is used to achieve the same result by gradating the colors that make up the background, sometimes it can be used to fade out the object itself, especially if one tide or area is considered unimportant to the central theme of the illustration

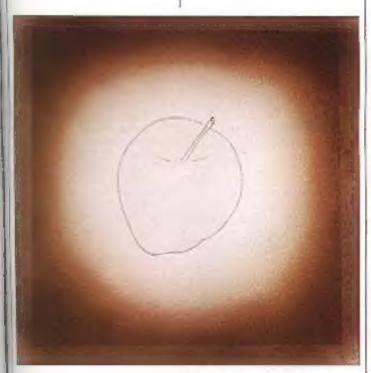


Fading In a Background

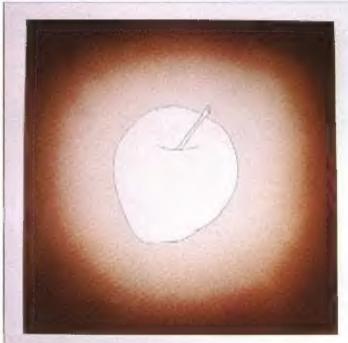
1 An illustration of an upper has been drawn and, to protect it from the background straying, has been covered with masking film. The edges of the aguare which will contain the apper and its background have also been masked.



2. The screwing begins with a gradual build-up of a graduated shade, from the outside edges of the box inward.



3 The shade is increased and the required death is reached.

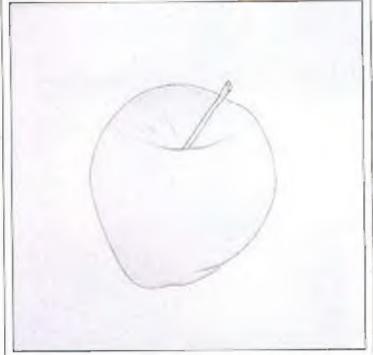


4 When the vignette is completed the mask protecting the edges of the box is removed.



Fading Out a Background
I In this demonstration a laceo
hackground is required, but gradialad from the object outward. Here
the apple has been protected with

masions tim-



2. Spraying has started from Just within the edges of the mask and an even chaocies built up all around the cuple.



3 The depth of color is increased to harden the comport of the form.



4. When enough color has been sprayed, the mask on the apple is removed, showing the vigosited background outlining the shape and hading graphicly collected.

#### WINDOW HIGHLIGHTS

By its very name, this technique refers to the reflection, usually on a curved surface, of a window, It is visible under a range of light conditions, but as a highlight is more pronounced when the light source coming through the window is particularly strong. As t wehnique, this is useful for mhancing the appearance of a highly polished, but upaque object in a stylized manner, espenally when no other reference mutee is available. It is an extremely popular device and can be seen in airbrushed illustraboth from any period. When taken further by the inclusion of unounding detail, both on and near the wandow. the effect can be one of super-realism, a style developed with great expertise by many of the Japanese exponents of the authrush.

Though effective, window highlights should be used with cation, and they are not applicable to all surfaces or subjects. For example, it would be inappropriate to use a window highlight on the bubcaps of a modern 18-wheeler, regardless of how polished and glossy the metal the chances of such a selficle being housed indoors so that it would accurately reflect patches of light passing through a window would be very stim.



1 In this cert unstration the window shape has been carefully it. I ruit of scetate sheet and placed in the required position over a pre-sprayed base color. Opaque while is mon approved through the man



2 This photograph demonstrates the effect with me mask pulled back. Notice that the shape of the stylzed Wildow is curved. When used on a curved object, the curves of the window should conform to those of the enject it is of source, acceptable to cur the mask with allowances for the distration which sometimes bacoives apparent through persone tivo, but this will require pose observation of a real exemple. By carried are scelare mass, the securing effect will be to give a soft edge to the night ghit. The degree of anti-est will be datermined by the distance fre mask is reid away from the acwork. Of course, a harn edge could be obtained by using self-adhesive. masking film